



Bachelor of Science **ARCHITECTURE** B.SC.(ARCHITECTURE)

What is architecture?

Architecture is the art and science of creating space – at the scale of an object like a piece of furniture, a room, a building or group of buildings, or an entire city. Architects use art, science and technology to shape the way we interact in our cities by designing environments that are aesthetically pleasing, structurally sound, and responsive in every way to the needs of the people who use them.

Is this the program for me?

Architecture students are interested in the arts but also have a solid grounding in math and physics. They have a good understanding of the fundamental sciences but also have a passion for drawing and designing, which is how architects reveal their ideas about the built environment.

What kinds of courses do students take?

The first year includes general sciences courses in math, chemistry and physics. Quebec CEGEP students typically receive one-year advanced standing. Then students take required courses in drawing, architectural history, building materials, design and construction, law for architects and in structural engineering. The curriculum is generally structured around the core design studio sequence that runs throughout the three-year program. Each year the projects become increasingly challenging, from the design of a room to a major studio project. Projects are presented and graded before a panel of judges. The program also includes many organized trips and the opportunity to study abroad.

What can I do when I graduate?

You will need a professional degree in architecture in order to practice as an architect. At McGill, the professional degree is the Master of Architecture (Professional), a one-and-one-half year program that follows the Bachelor of Science in Architecture degree.

Students often take a short break between degrees to apprentice in an architectural firm, and travel. Most graduates of the professional program register as interns and continue to work in an architectural practice while they complete the requirements for professional registration; each year, a significant proportion of the class goes on to graduate studies in architecture or a related field. However, an architecture education can lead in many different and sometimes surprising directions. A small number of graduates will discover interests and aptitudes in a variety of other fields, such as computer graphics, film, industrial design, and of course, construction, and move directly into graduate studies or jobs in these areas. A few continue on for a PhD and pursue academic research.

How do I apply?

Admissions information:
www.mcgill.ca/architecture/apply



McGill

Faculty of
Engineering





Why McGill?

Established in 1896, the McGill School of Architecture is one of the oldest on the continent, and its philosophy remains simple and straightforward: to encourage the pursuit of excellence in the practice of architecture by developing competence in both the art and science of building design and construction.

The School is well known for its intimate atmosphere, with about 250 students. The visiting lectures program attracts architects, educators and critics from all over the world. Students enjoy access to a 24-hour computer, photographic and workshop facilities, a building-wide wireless network, an extensive slide collection, the John Bland Canadian Architecture Collection, and the Blackader-Lauterman Library of Architecture and Art. Two new research facilities have been established. FARMM (Facility for Architectural Research in Media Mediation) which uniquely, provides a flexible platform upon which applied research with next-generation technologies can be explored and developed. LIPHE (Laboratory for Integrated Prototyping and Hybrid Environments) which offers fabrication services to

professors, researchers and graduate students.

The School also offers research-oriented post-professional graduate programs in many exciting areas. The professional M.Arch. degree is fully accredited by the Canadian Architectural Certification Board and is recognized as accredited by the National Architectural Accrediting Board in the U.S.

The Architecture Students Association www.arch.mcgill.ca/asa/ runs Gallery O, which exhibits student and staff work, the supply store, and the Brown Bag Lecture series. Students can also get involved with groups such as Habitat for Humanity.

For further information

Faculty of Engineering: www.mcgill.ca/engineering/
School of Architecture: www.mcgill.ca/architecture
www.mcgill.ca/study/2014-2015/faculties/engineering/undergraduate/ug_eng_school_of_architecture

Contact Us

McGill Engineering Student Centre (MESC)
 Student Affairs Office, Career Centre,
 Peer Tutoring Services
 Frank Dawson Adams Building
 Room 22
 3450 University Street
 Montreal, Quebec H3A 0E8

Student Affairs Office (SAO):
 Telephone: 514-398-7257
 Email: info.faceng@mcgill.ca
www.mcgill.ca/engineering/current-students/undergraduate/mesc

Engineering Career Centre (ECC):
 Telephone: 514-398-8100
 Email: careers4engineers@mcgill.ca
www.mcgill.ca/careers4engineers



McGill

Faculty of
Engineering